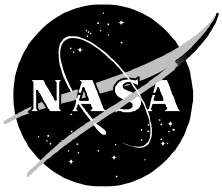
VERSION DESCRIPTION DOCUMENT FOR THE NASA PROPERTY DISPOSAL MANAGEMENT SYSTEM (NPDMS)

Release 3.0

NASA-NPDMS-VDD-14

PrISMS Contract

February 28, 2002



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

VERSION DESCRIPTION DOCUMENT FOR THE NASA PROPERTY DISPOSAL MANAGEMENT SYSTEM (NPDMS) RELEASE 3.0

Submitted by

_____

Neal Cantrell Date
Functional Area Lead

Reviewed by

CSC

_____	_____
Lindon Gargis Date Agencywide IRM, Property and System's Procurement	Richard Bishop Date DBA
_____	_____
Hector Garcia Date Agencywide IRM	Jim Cofer Date Configuration Management

Prepared by

Computer Sciences Corporation, Contract NAS8-60000

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

February 28, 2002

VERSION DESCRIPTION DOCUMENT
FOR THE
NASA PROPERTY DISPOSAL MANAGEMENT SYSTEM (NPDMS)
RELEASE 3.0

Approved by

Sheila Fogle	Date
Consolidation Center	
Project Manager	

Nikita Zurkin	Date
Program Functional Manager	

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
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February 28, 2002

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1. INTRODUCTION

This Version Description Document (VDD) describes the changes and installation procedures for this release of the NASA Property Disposal Management System (NPDMS). This section identifies the release, describes its purpose, defines its scope, and identifies its contact points.

1.1 IDENTIFICATION OF THE RELEASE

This software release is identified as NPDMS, Release 3.0 and has an effective release date of February 28, 2002.

1.2 PURPOSE OF THE RELEASE

This release implements modifications for the following Change Control Requests (CCRs):

CCR	Title
433	Backup report datasets that are sent to ADOSS
434	Add edit to check if report is set up in ADOSS
435	Deleting a User ID with reports scheduled for that User ID
436	Installation Printer Address and ADOSS
437	Add edit for Fair Market Value
438	Force entry of email addresses
439	Exclude foreign property that has been dispositioned from being transmitted to GSA
440	Add edit for delete on table 170 – Recipient Name Table
441	Retransmit cases to GSA (Option 7)
442	No data on Freeze Status Report

This release implements modifications necessitated by the following Discrepancy Reports (DRs):

CCR	Title
None	None

1.3 SCOPE

This VDD provides the functional and technical user of NPDMS with information regarding the content, status, and structure of Release 3.0, including the following:

- Changes implemented since Release 2.9.0;
- Validation procedures to ensure the reliability of release changes;
- References to other documentation affected by this release;
- Detailed software installation instructions.

No waivers are associated with this release.

1.4 CONTACT POINTS

Sustaining Engineering for NPDMS is provided through the Consolidation Center (CC) located at Marshall Space Flight Center (MSFC). Questions regarding the functional and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (Use following Key Words: SESAAS & NPDMS)

Telephone: (256) 544-6673
Email: neal.cantrell@msfc.nasa.gov
FAX: (256) 544-1836

2.0 FUNCTIONAL INFORMATION

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

2.1 FUNCTIONAL CHANGES

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, Installation Instructions, describes all Software PREDICT and SYSERR changes related to this release.

2.2 FUNCTIONAL INTERFACES

This section is not applicable for this release.

2.3 CRITICAL ISSUES

This section is not applicable for this release.

2.4 AFFECTED DOCUMENTS

This section is not applicable for this release.

2.5 APPLICATION SYSTEM ADMINISTRATION

There are no application system administration changes associated with this release.

3.0 TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration activities.

3.1 TECHNICAL SYSTEM INTERFACES

There are no technical system interface issues with this release.

3.2 DATA DICTIONARY CHANGES

Refer to Appendix D, Section 4.1, for the data dictionary changes in this release.

3.3 SOFTWARE OBJECT CHANGES

Modules affected by this release are included in Appendix D, Section 2.2.

3.4 DATABASE ADMINISTRATION

This section describes the database administration activities for installation of this release.

3.4.1 Release Dataset Names

Refer to Appendix D, Introduction section, for the release dataset names.

3.4.2 Inventory of Objects

Refer to Appendix D, Section 2.1, for an inventory of Natural object types.

3.4.3 Storage Considerations

The changes represented by this release should not affect storage requirements.

3.4.4 Installation Procedures

Refer to Appendix D, Installation Instructions for NPDMS Software Release 3.0 for detailed software installation procedures.

3.5 OPERATIONAL PREPARATION

Refer to the procedure described in Appendix D for assistance in preparing for proper installation and operational use of this release.

4.0 KNOWN AND OPEN PROBLEMS

There are no known or open problems related to this release.

APPENDIX A - ABBREVIATIONS AND ACRONYMS

CC	Consolidation Center
CCR	Change Control Request
CSC	Computer Sciences Corporation
DBA	Database Administrator
DR	Discrepancy Report
FAX	Electronic Facsimile Transmission
IRM	Information Resources Management
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NACC	NASA Automated Data Processing (ADP) Consolidation Center
NASA	National Aeronautics and Space Administration
NEMS	NASA Equipment Management System
NPDMS	NASA Property Disposal Management System
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
VDD	Version Description Document

APPENDIX B - GLOSSARY

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs a NASA software release and places it into operational use.

Operational Preparation

Preparation by a NASA site for installation and use of a NASA application release.

System Administration

Responsibility for administrative functions such as application security and table data maintenance associated with a NASA application.

APPENDIX C - FUNCTIONAL CHANGE VALIDATION PROCEDURES

Index of validation procedures for changes in this release:

Details for the validation procedures follow:

1.0 CCR 433 – Backup report datasets that are sent to ADOSS.

Currently the report datasets can be transmitted to ADOSS. If the ADOSS server is down then the report datasets are not transmitted. It might be several days before it is discovered that the report datasets were not transmitted to ADOSS on a particular day. There are some reports that cannot be recreated and the original dataset has been overwritten by subsequent reports.

Description of Change

Code was changed to have the ADOSS dataset copied to another dataset before transmission to ADOSS.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Schedule all reports (On-request and regularly scheduled) to ADOSS. Expected results: The dataset sent to ADOSS will have been copied to the backup dataset.

MODULE ID	MODULE NAME	TYPE
NDM310PA	ADOSS Table Processing and Reset	Program
NDU200PA	Loads Table 200	Program
NDR000NA	ADOSS Processing	Subpgm

2.0 CCR 434 – Add edit to check if report is set up in ADOSS.

Currently there is not an edit in NPDMS to check to see if a report is set up to transmit to ADOSS. If the user schedules a report to be sent to ADOSS and the report has not been set up to be sent to ADOSS an error occurs.

Description of Change

Code was changed to add an edit to check to make sure the report is on Table 200.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Schedule one report that is on Table 200 for ADOSS.
  Expected Results: The report will go over to ADOSS correctly.
- Schedule one report that is NOT on Table 200 for ADOSS.
  Expected Results: Should get an error stating "2037 – This report cannot be scheduled for ADOSS".

MODULE ID	MODULE NAME	TYPE
ND2200MB	Map for ND2200PA	Map
ND2200PA	Request specific reports	Program

3.0 CCR 435 – Deleting a User ID with reports scheduled for that User ID.

If a User ID is deleted from NPDMS Table 001 (User Access Table) the job card associated with that User ID is also deleted. If a regular scheduled report was scheduled for the deleted User ID and it is attempted to be run in the batch cycle then the report gets an error because the job card is not defined.

Description of Change

Code was changed to add an edit to check to make sure that there are no reports scheduled using that User ID.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Schedule one report with the User ID that is going to be deleted.
- Go to Table 001 and select Delete. Press Enter.
- Enter the User ID that was used to schedule the previous report. Press Enter.
- Enter 'D' to delete the User ID. Press Enter.
  Expected Results: Should get an error stating "3081 – Reports scheduled with this userid – cannot delete".

MODULE ID	MODULE NAME	TYPE
ND3001PA	User Access Table Update	Program

4.0 CCR 436 – Installation Printer Address and ADOSS.

If the INST-PRNTR-ADRS field is populated with the value 'LOCAL' or 'SYSTEM' and the RPT-SPCL-FORM-ID is populated with the value 'ADOS' then the INST-PRNTR-ADRS field takes precedence over the RPT-SPCL-FORM-ID. Some centers leave the value in the INST-PRNTR-ADRS field even though they want the report sent to ADOSS.

Description of Change

Code was changed to add an edit to check to see if RPT-SPCL-FORM-ID is populated with 'ADOS'.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Schedule one report that is going to ADOSS and 'System' is in the printer destination field and schedule one report that is going to ADOSS and 'Local' is in the printer destination field.
  Expected Results: The reports will go to ADOSS.
- Schedule one report that will go to the 'Local' printer and one report that will go to the 'System' printer.
  Expected Results: The reports will go the local and system printers.

MODULE ID	MODULE NAME	TYPE
NDB000PA	Batch Processing Driver Program	Program
NDURPTPB	Displays JCL for Reports scheduled	Program

5.0 CCR 437 – Add edit for Fair Market Value.

GSA added an edit to require the Fair Market Value field to be required if Reimbursement is required or the property is marked as an Exchange/Sale item.

Description of Change

Code was changed to add an edit to check to make sure Fair Market Value is filled in when Reimbursement Code is equal to 1,4,6,8,A, B, E, or F or Exchange/Sale equals Y.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Do one non-controlled add with Reimbursement Code equal 1 and Fair Market Value is blank.
  Expected Results: Should get an error stating "7002 – Must enter FMV if Reim Code eq (1,4,6,8,A, B, E, or F)".
- Do one controlled add with Reimbursement Code equal 1 and Fair Market Value is blank.
  Expected Results: Should get an error stating "7002 – Must enter FMV if Reim Code eq (1,4,6,8,A, B, E, or F)".
- Do one non-controlled change with Exchange/Sale equal to 'Y' and Fair Market Value is blank.
  Expected Results: Should get an error stating "7003 – Must enter FMV if Exchange/Sale equals 'Y'".
- Do one controlled change with Exchange/Sale equal to 'Y' and Fair Market Value is blank.
  Expected Results: Should get an error stating "7003 – Must enter FMV if Exchange/Sale equals 'Y'".

MODULE ID	MODULE NAME	TYPE
ND4110MA	Map for ND4110PA and ND4210PA	Map

6.0 CCR 438 – Force entry of email addresses.

Currently a default entry is supplied for the ##PO-DI-EMAIL-ADDR and the ##POC-E-MAIL fields. These fields are not being changed to the specific information for each center. This is causing records to be rejected by GSA for an invalid POC email address or PO DI email address.

Description of Change

Code was changed to remove the default. The program will not stow without the proper information.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

None

MODULE ID	MODULE NAME	TYPE
NDR110PA	GSA Dataset Generation	Program
NDR110PB	GSA Dataset Generation	Program

7.0 CCR 439 – Exclude foreign property that has been dispositioned from being transmitted to GSA.

Foreign property cases are not reported to GSA. However, if a disposition transaction is processed against that case prior to the Surplus Release Date, the case is transmitted to GSA. A fatal error is received since information required by GSA is not available on a foreign property case.

Description of Change

Code was changed to add an edit to check to see if the case is foreign property if it is then it is ignored.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Must have one case number that was added to NPDMS with 0 screening days and is foreign property.
- Run report 110.
  Expected results: The case number should not appear on the report.
- Do a disposition on the case.
- Run report 110.
  Expected results: The case number should not appear on the report and there should be no fatal errors.

MODULE ID	MODULE NAME	TYPE
NDR110PA	GSA Dataset Generation	Program
NDR110PB	GSA Dataset Generation	Program

8.0 CCR 440 – Add edit for delete on table 170 – Recipient Name Table.

A recipient may be deleted from table 170 even if that recipient is eligible for report 160 (Annual Rpt of Personal Prop Provided to Non-Fed Org by Inst) causing an understatement of the actual number of T16 transactions.

Description of Change

Code was changed to add an edit to check to see if the recipient that is trying to be deleted, has a T16 transaction against them.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Must have a recipient with a T16 transaction against them.
- Go to Table 170 and try to delete the recipient with the T16 transaction against them.
  Expected results: Should get an error message stating "3082 – Cannot delete recipient – has Report 160 eligibility".

MODULE ID	MODULE NAME	TYPE
ND3170PA	Recipient Name Table Update	Program
NDUT16PB	Display cases for Report 160	Program

9.0 CCR 441 – Retransmit cases to GSA (Option 7).

When a case is added and transmitted to GSA the Excess Release Date (ERD) is equal to Other Federal Agency (OFA) Begin Date. If the case is rejected by GSA and retransmitted to GSA the Excess Release Date is equal to the OFA End Date.

Description of Change

Code was changed to make the Excess Release Date equal to the OFA Begin Date.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Must have four new cases (one must be a component with at least two items) with screening days of all zero except for OFA date which should be 10 days.
- Do a case review on the first case.
  Expected results: The Surplus Rel Dt should be equal to OFA Begin Dt.
- Run report 110.
- Do another case review on the first case.
  Expected results: The Surplus Rel Dt should be equal to OFA Begin Dt.
- Do a case review on the second case.
  Expected results: The Surplus Rel Dt should be equal to OFA Begin Dt.
- Run report 110.
- Do another case review on the second case.
  Expected results: The Surplus Rel Dt should be equal to OFA Begin Dt.
- Do a Change transaction on the second case. Go to the 2nd change screen – change NASA-Wide Screening end date to two days from today's date and change OFA Screening begin date to two days from today's date.
- Do another case review on the second case.
  Expected results: The Surplus Rel Dt should be equal to OFA Begin Dt.
- Do a T05 on the second case.
- Do another case review on the second case.
  Expected results: The Surplus Rel Dt should be equal to OFA Begin Dt.
- Run report 110.
- Do another case review on the second case.
  Expected results: The Surplus Rel Dt should be equal to OFA Begin Dt.
- Do a case review on the third case.
  Expected results: The Surplus Rel Dt should be equal to OFA Begin Dt.
- Do a case review on the component case.
  Expected results: The Surplus Rel Dt should be equal to OFA Begin Dt.
- Convert the 3rd case to the component case. (Selection 9 in Transactions)
- Do another case review on the component case.
  Expected results: The Surplus Rel Dt should be equal to OFA Begin Dt.

To test the NSMS part:

- Go to Table 155. See how many days NASA-Wide screening is for the PROP type. Write this number down.
- Enter NPDMS using the DD parm set at (NASA-Wide screening days + 3).
- Schedule the 110 report.
- Run the Batch job for NPDMS. Be sure to enter the DD parm in the JCL before running the batch job. (This is going to remove any cases that are waiting to go to GSA.)
- Enter three NSMS records.
- Run the Batch job for NPDMS. (NDM100PA (maintenance) will run and pick up the NSMS records.)
- Enter NPDMS using the DD parm.
- Schedule the 110 report.
- Run the Batch job for NPDMS. Be sure to enter the DD parm in the JCL before running the batch job.
- Look at the 110 report.
  Expected Results: It should have 3 case numbers on it (the NSMS items). Check the item name to make sure that these are your NSMS records. Write the case numbers down.
- Do a case review on those cases.
  Expected Results: The SRD date should equal the OFA Bgn Dt.

MODULE ID	MODULE NAME	TYPE
NDR110PA	GSA Dataset Generation	Program
NDR110PB	GSA Dataset Generation	Program
NDXCSUPA	Update Component System Level Data	Program
NDM100PA	NSMS Batch Interface	Program

10.0 CCR 442 – No data on Freeze Status Report.

NPDMS Report 006 – Freeze Status Report is not currently reporting any information on the report.

Description of Change

Code was changed to report the correct freeze information.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Must have some freezes between the dates 01/01/01 and 06/01/01.
- Run Report 006 (On-Request) with a begin date of 01/01/01 and an end date of 06/01/01.
  Expected results: The freezes that are between those dates should be correctly identified on the Freeze Status Report.

MODULE ID	MODULE NAME	TYPE
NDR006PA	Freeze Status Report	Program

APPENDIX D - INSTALLATION INSTRUCTIONS AND CHECKLIST FOR NPDMS SOFTWARE RELEASE 3.0

Introduction

Release information:

System Name: NPDMS
Release Number: 3.0
Release Date: February 28, 2002
Effective Date: Immediately

In case of installation problems, contact the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center (Use following Key Words: SESAAS & NPDMS)

Telephone: (256) 544-6673
Email: neal.cantrell@msfc.nasa.gov
FAX: (256) 544-1836

The following datasets are located on the transient storage DASD volumes under the following data sets names:

xxMOV.NPDMS.PROD.R300.R0202.ERR
xxMOV.NPDMS.PROD.R300.R0202.PRD
xxMOV.NPDMS.PROD.R300.R0202.SRC

Where “xx” is replaced by the appropriate NASA Center designation.

```
AR – ARC
DF – DFRC
GS – GSFC
HQ – HQ
J5 – JSC
KS – KSC
LA – LaRC
LE – GRC (Glenn)
MS – MSFC
SS – SSC
```

Installation Sequence

The sequence in which the installation of this release should occur is provided in the following list. A checklist is provided in Section 9.0 to assist in tracking the installation of this release.

1.0 Back Up Existing Data
2.0 Copy Source
3.0 Pre-Predict Data Conversion
4.0 Install Predict
5.0 Catalog Source Code
6.0 Post-Predict Data Conversion
7.0 Perform Release-Specific Procedures
8.0 Local JCL Mods
9.0 Installation Checklist

1.0 Back Up Existing Data

It is advisable to back up all NPDMS files as a precautionary measure prior to installation.

2.0 Copy Source

2.1 Copy Source Code

Load the NPDMS source library from dataset:

xxmov.NPDMS.PROD.R300.R0202.SRC.

The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library NPDMS, replacing any existing programs of the same name. The source module counts included in this release are listed below:

Natural Source Modules by Type	Count
GLOBAL DATA AREA	0
LOCAL/PARAM DATA AREA	0
MAPS	2
HELP ROUTINES	0
SUBROUTINES	0
SUBPROGRAMS	1
PROGRAMS	14
COPYCODE	0
TEXT	0
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	17

2.2 List of Source Code Modifications

The following are the modules added, modified, and deleted. The programs that are bold have been changed since the Beta release.

Added Modules:

1. NDUT16PB Program

Changed Modules:

1. ND2200MB Map
2. ND2200PA Program
3. ND3001PA Program
4. ND3170PA Program
5. ND4110MA Map
6. NDB000PA Program
7. NDM100PA Program
8. NDM310PA Program
9. NDO000PA Program
10. NDR000NA Subpgm
11. NDR006PA Program
12. NDR110PA Program
13. **NDR110PB Program**
14. NDU200PA Program
15. NDURPTPB Program
16. NDXCSUPA Program

Deleted Modules:

There are no modules deleted with this release.

3.0 Pre-Predict Data Conversion

Not applicable with this release.

4.0 Install Predict

4.1 Data Dictionary Changes

This release will include the new enhancements for Version 3.0.0. Details for changes in this release can be found under Section 4.1.3 Physical File Changes or by performing Predict reporting on the keyword NPDMS-3.0.0.

Use SYSDICBE to load the PREDICT modifications from the dataset: xxMOV.NPDMS.PROD.R300.R0202.PRD.

The following NPDMS DDMs should be generated after the PREDICT load is completed:

ND-TABLE

4.1.1 Inventory of Objects

The object types and inventory listed below represent a comprehensive count of the Predict object modules for this release.

PREDICT Objects by Type:

Keyword	-	1
Standard/Help files	-	1
ADABAS Files and Views	-	1

4.1.2 Storage Considerations

Not applicable with this release.

4.1.3 Physical File Changes

Add the following field:

```
ND-TABLE                          File # 249
     Ty L Field ID                        F  Length   Occ   D U DB S
     *- - -------------------------------- *- -------- ----- * * -- *
        2 MAINFRAME-BKUP-DSN              A     44.0            FP N
```

Using the following commands:

```
//DDKARTE   DD  *
ADADBS NEWFIELD FILE=249
ADADBS FNDEF='02,FP,44,A,NU'
/*
```

5.0 Catalog Source Code

Run a batch job to catalog (CATALL) all modules in the NPDMS or other named library. **IT IS NOT NECESSARY** to catalog the Global Data Area. The NASA Batch Standard Parameters should be used for the compile. In programs NDR110PA and NDR110PB, the following fields need to be initialized with the proper email address: ##PO-DI-EMAIL-ADDR and ##POC-E-MAIL.

After all objects are compiled, the NPDMS application will run under the NASA On-line Standard Parameter.

6.0 Post-Predict Data Conversion

Not applicable for this release.

7.0 Perform Release-Specific Procedures

7.1 Add new field to Table 200

The following is an example of how the table should be look:

20008NDR017PA01MSIRM.NPDMDD.A01000 (44 spaces) MSIRM.NPDMDD.ADOSS.01000 (44 spaces) A(1space) MSIRM.NPDMDD.ADOSS.A01000.BKUP(44 spaces) (This should continue on the line above in the table.)

The following is a description of the spacing for the table:

- 3 spaces – table number (Table-Id-Key)
- 2 spaces – Sub-Installation number (Table-Id-Key)
- **8** spaces – Report Name (Table-Id-Key)
- 2 spaces – CMPrint location (00,01,02, etc.) (Table-Id-Key)
- 44 spaces – Work file name (Mainframe-DSN)
- 44 spaces – ADOSS work file name (ADOSS-Server-DSN)
- 1 space – ADOSS transmit indicator (ADOSS-Transmit-Ind)
- 44 spaces – Work file name (Mainframe-Bkup-DSN)

Above is an example of the whole table. If you already have Table 200 loaded, you should only need to add the last field (Mainframe-Bkup-DSN). To load Table 200, use NDU200PA. You will need to change the work file name to what your dataset name will be.

7.2 Create Dataset for Backup files

You will need to create a file for the backup files. An example for the file name is: MSIRM.NPDMDD.ADOSS.SYSIN.BKUP. This file could be a GDG. This file should be allocated as follows:

Record format – FB

Record Length – 72
Block Size – 720

7.3 Load Natural Error Messages

Load error messages from the NASA Distribution data set xxMOV.NPDMS.PROD.REL300.R0202.ERR, using the NATURAL SYSERR utility ERRLODUS. This release contains 804 error messages, which will load to the library NPDMS. For additional information concerning SYSERR, refer to the NATURAL 2 Administrator's Manual.

7.4 Enter Proper Email address

In programs NDR110PA and NDR110PB, the following fields need to be initialized with the proper email address: ##PO-DI-EMAIL-ADDR and ##POC-E-MAIL.

8.0 Local JCL Mods

The following change should be made to the source JCL. The updated JCL should then be loaded into the NPDMS library. The following is an example of the JCL. (NOTE: The information in BOLD is the added or changed information.)

```
000507 140M210PA3007  //SYSIN    DD DSN=MSIRM.NPDMDD.IFMFTP.SYSIN(+1),DISP=OLD
000508 140M310PA3001  //CMWKF01  DD DSN=MSIRM.NPDMDD.ADOSS.SYSIN,DISP=OLD
000509 140M310PA3002  //CMWKF02  DD DSN=MSIRM.NPDMDD.ADOSS.SYSIN.BKUP,DISP=OLD (This file could be a GDG)
000510 140M310PA3003  //ADOSBKUP EXEC PGM=IDCAMS,COND=(4,LE)
000511 140M310PA3004  //SYSPRINT DD SYSOUT=*
000512 140M310PA3005  //SYSIN    DD DSN=MSIRM.NPDMDD.ADOSS.SYSIN.BKUP,DISP=OLD
000513 140M310PA3006  //ADOSFTP  EXEC PGM=FTP,COND=(4,LE),PARM='(EXIT)'
000514 140M310PA3007  //SYSUDUMP DD SYSOUT=*
000515 140M310PA3008  //SYSPRINT DD SYSOUT=*
```

9.0 Installation Checklist

1.0 Back Up Existing Data
2.0 Copy Source
  2.1 Copy Source Code
  2.2 List of Source Code Modifications
3.0 Pre-Predict Data Conversion
4.0 Install Predict
  4.1 Data Dictionary Changes
    4.1.1 Inventory of Objects
    4.1.2 Storage Considerations
    4.1.3 Physical File Changes
5.0 Catalog Source Code

6.0 Post-Predict Data Conversion
7.0 Perform Release Specific Procedures
7.1 Add new field to Table 200
7.2 Create dataset for backup files
7.3 Load Natural error messages
7.4 Enter proper email address
8.0 Local JCL Mods

Appendix E- Backup ADOSS Reports

The following is the JCL needed to backup ADOSS reports for more than one day:

```
//IRNPDM     JOB (AGAOHNPDM002,4201),'ALLOCATE',CLASS=D,
//                        NOTIFY=MSKKF,MSGCLASS=Z

/* DELETE PDS - Startup Job before JCL runs

//STEP1             EXEC PGM=IEFBR14
//SYSPRINT          DD SYSOUT=*
//OLDGDG            DD DSN=MSIRM.NPDMDD.ADOSS,
//                    DISP=(MOD,DELETE,DELETE),UNIT=SYSDA,
//                    SPACE=(TRK,(30,30,10),RLSE),DCB=(RECFM=FB)

/* CREATE A PDS - Startup Job before JCL runs

//STEP2             EXEC PGM=IEFBR14
//SYSPRINT          DD SYSOUT=*
//NEWGDG            DD DSN=MSIRM.NPDMDD.ADOSS,
//                    DISP=(,CATLG,),UNIT=SYSDA,
//                    SPACE=(TRK,(30,30,10),RLSE),DCB=(RECFM=FB)

/*  COPY A PDS TO A SEQUENTIAL FILE - IN NPDMS JCL

//STEP1             EXEC PGM=IEBCOPY
//SYSPRINT          DD SYSOUT=*
//I1                DSN=MSIRM.NDPMDD.ADOSS,
//                    DISP=OLD
//OUTDD             DD     DSN=MSIRM.NPDMDD.ADOSS.BKUP(+1),
//                    DISP=(NEW,CATLG),UNIT=SYSDA,
//                    SPACE=(CYL,(10),RLSE),DCB=(RECFM=FB)
//SYSIN             DD *
        COPY O=OUTDD,I=((I1,R))

/* RELOAD PDS FROM SEQUENTIAL SAVE FILE - Stand alone JCL

//STEP1             EXEC PGM=IEBCOPY
//SYSPRINT          DD SYSOUT=*
//OUTDD             DD     DSN=MSIRM.NPDMDD.ADOSS.HELD,
//                    DISP=(,CATLG),UNIT=SYSDA,
//                    SPACE=(TRK,(30,30,10),RLSE)
//I1                DD DSN=MSIRM.NPDMDD.ADOSS.BKUP(+0), DISP=OLD
//SYSIN             DD *
        COPY O=OUTDD,I=((I1,R))
```

After this JCL has been changed Table 200 needs to be changed to use PDS files. The MAINFRAME-BKUP-DSN needs to be changed to the following (for each report):

MSIRM.NPDMDD.ADOSS(NDM30003) (**This is an example**)